

TRUCKEE RIVER BASIN, LAKE TAHOE
10336645 GENERAL CREEK NEAR MEEKS BAY, CA

LOCATION.—Lat 39°03'07", long 120°07'03", in NE ¼ NE ¼ sec.20, T.14 N., R.17 E., El Dorado County, Hydrologic Unit 16050101, on right bank, 200 ft upstream from State Highway 89, 0.4 mi upstream from Lake Tahoe, and 1.1 mi north of Meeks Bay.

DRAINAGE AREA.—7.44 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—July 1980 to current year.

GAGE.—Water-stage recorder. Datum of gage is 6,250.38 ft above NGVD of 1929.

REMARKS.—Records good except for estimated daily discharges, which are fair. No known diversion or regulation upstream from station. [See schematic diagram of Truckee River Basin, Lake Tahoe and Truckee River Basin.](#)

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 797 ft³/s, Jan. 2, 1997, gage height, 7.86 ft (backwater from plugged culvert), from rating curve extended above 180 ft³/s, on basis of computation of flow through culvert; minimum daily, 0.29 ft³/s, July 28, Aug. 15, 1994.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 100 ft³/s, or maximum:

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr. 13	0200	102	2.15	May 4	2230	167	2.40

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.99	1.7	1.5	e2.2	e2.9	5.9	40	59	17	2.1	0.95	0.87
2	0.98	1.6	1.6	e2.2	e3.0	6.0	34	78	15	2.0	0.94	0.88
3	0.90	1.6	1.4	e2.0	e2.8	5.9	34	91	14	1.9	0.95	0.91
4	0.88	1.3	1.4	e2.0	e2.6	5.8	46	100	12	1.6	0.95	0.92
5	0.87	1.3	1.7	e2.2	e2.6	6.2	61	101	11	1.5	0.94	0.90
6	0.86	1.3	3.3	e2.0	e2.8	6.4	62	74	9.3	1.5	0.94	0.89
7	0.86	1.4	3.2	e2.2	e2.8	7.0	57	56	8.6	1.4	0.91	0.88
8	0.81	1.5	1.9	3.3	e2.8	7.9	67	59	7.8	1.4	0.90	0.88
9	0.83	1.7	1.6	3.8	e2.9	9.2	65	54	7.9	1.3	0.90	0.87
10	0.89	1.4	1.7	3.6	e2.7	11	63	47	7.6	1.3	0.88	0.87
11	0.98	1.3	1.9	3.4	e2.6	13	58	32	6.7	1.3	0.86	0.87
12	0.98	1.4	1.4	3.3	e2.9	14	66	27	6.1	1.2	0.87	0.86
13	0.99	1.4	e1.4	3.2	e2.8	15	69	32	5.5	1.2	0.88	0.86
14	0.93	1.3	e1.9	3.2	e2.6	17	51	40	5.1	1.2	0.87	0.84
15	0.83	1.4	1.9	3.2	3.2	20	42	41	4.8	1.1	0.87	0.85
16	0.86	1.3	1.7	3.2	5.9	23	35	39	4.5	1.1	0.89	0.84
17	0.88	1.4	1.7	3.2	13	24	30	41	4.1	1.1	0.89	0.85
18	0.89	1.4	1.7	3.2	11	28	26	36	3.9	1.1	0.88	0.87
19	0.90	1.4	1.8	3.2	9.1	37	26	30	3.6	1.1	0.87	0.93
20	0.92	1.4	2.1	3.2	7.2	42	26	29	3.3	1.1	0.89	0.98
21	0.95	1.3	2.4	3.0	6.8	48	26	28	3.1	1.0	0.89	0.90
22	0.98	1.2	2.1	e3.0	6.6	54	24	30	2.8	1.0	0.92	0.88
23	1.0	1.2	2.1	e3.2	e6.1	62	24	28	2.4	0.99	0.94	0.87
24	1.0	1.2	e3.8	3.1	e6.5	57	31	25	2.2	0.98	0.92	0.86
25	1.0	1.3	e3.1	2.9	e7.0	46	44	23	2.0	0.99	0.90	0.85
26	0.94	1.3	e2.7	e3.0	e8.0	36	62	22	2.0	0.99	0.90	0.85
27	0.97	1.3	e2.5	2.9	e9.4	28	83	24	1.9	0.98	0.89	0.84
28	0.98	1.3	e2.2	2.9	10	27	86	41	1.8	0.98	0.89	0.79
29	0.99	1.5	e2.4	2.9	6.7	29	62	28	1.8	0.97	0.90	0.82
30	1.1	1.4	e2.2	e3.0	---	36	49	21	2.0	0.97	0.89	0.85
31	1.4	---	e2.2	e2.8	---	42	---	19	---	0.96	0.88	---
TOTAL	29.34	41.5	64.5	90.5	155.3	769.3	1449	1355	179.8	38.31	27.95	26.13
MEAN	0.95	1.38	2.08	2.92	5.36	24.8	48.3	43.7	5.99	1.24	0.90	0.87
MAX	1.4	1.7	3.8	3.8	13	62	86	101	17	2.1	0.95	0.98
MIN	0.81	1.2	1.4	2.0	2.6	5.8	24	19	1.8	0.96	0.86	0.79
AC-FT	58	82	128	180	308	1530	2870	2690	357	76	55	52

e Estimated.

TRUCKEE RIVER BASIN, LAKE TAHOE

10336645 GENERAL CREEK NEAR MEEKS BAY, CA—Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	1.99	6.15	8.18	9.34	12.0	18.3	38.1	62.6	34.0	6.17	1.31	1.30
MAX	15.5	45.4	58.7	68.9	64.2	60.1	70.4	114	158	49.6	4.72	4.36
(WY)	1983	1982	1982	1997	1986	1986	1989	1999	1983	1983	1983	1983
MIN	0.73	0.84	0.89	0.90	0.99	5.86	15.9	7.18	1.63	0.49	0.35	0.39
(WY)	1993	1993	1991	1991	1991	1994	1991	1992	2001	1994	1994	1992

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1980 - 2004	
ANNUAL TOTAL	5501.59		4226.63			
ANNUAL MEAN	15.1		11.5		16.6	
HIGHEST ANNUAL MEAN					34.7 1982	
LOWEST ANNUAL MEAN					4.96 1988	
HIGHEST DAILY MEAN	168	May 28	101	May 5	600	Jan 1 1997
LOWEST DAILY MEAN	0.81	Oct 8	0.79	Sep 28	0.29	Jul 28 1994
ANNUAL SEVEN-DAY MINIMUM	0.86	Oct 4	0.84	Sep 24	0.31	Aug 15 1994
MAXIMUM PEAK FLOW			167	May 4	797	Jan 2 1997
MAXIMUM PEAK STAGE			2.40	May 4	7.86	Jan 2 1997
ANNUAL RUNOFF (AC-FT)	10910		8380		12040	
10 PERCENT EXCEEDS	29		41		50	
50 PERCENT EXCEEDS	3.7		2.2		3.2	
90 PERCENT EXCEEDS	0.94		0.88		0.84	